

# Volume XVII

## TABLE OF CONTENTS

	PAGE
Acid-base balance in anaesthesia. J. P. Payne	149
ADRIANI, JOHN. Edited by. 'Appraisal of current concepts in anesthesiology' (rev.)	115
ADRIANI, JOHN. 'The chemistry and physics of anaesthesia' (rev.)	402
Air embolism (A report of two cases, one treated successfully). E. R. J. Emery	455
Air embolism in the sitting position. A. R. Hunter	467
Amnesic properties of hyoscine and atropine in pre-anaesthetic medication. T. K. Hardy and D. Wakely	331
Anaesthesia and post-operative complications in progressive muscular dystrophy (Tachycardia and acute gastric dilatation). L. Wislicki	482
Anaesthesia and the vomiting hazard (A safe method for obstetric and other emergencies). J. G. Bourne	379
Anaesthesia and the vomiting hazard. R. I. W. Ballantine (corr.)	559
'Anaesthesia for the injured'. L. J. Wolfson (rev.)	557
Anaesthesia in a cut throat injury (A case of unusual airway obstruction). D. K. Ray	363
Anaesthetic literature	102, 251, 388, 550
Anaesthetic machines and cross-infection. D. C. C. Stark, C. A. Green and E. A. Pask	12
'Analgesia and anaesthesia in obstetrics'. J. P. Greenhill (rev.)	557
Analgesic drugs, clinical assessment of. A. H. B. Masson	373, 411
Anatomy for anaesthetists (4) The thoracic inlet and the first rib. Harold Ellis and M. McLarty	69
Anatomy for anaesthetists (5) The lumbar spine and sacrum. H. Ellis and M. McLarty	238
Anatomy for anaesthetists (6) The contents of the vertebral canal. Harold Ellis and M. McLarty	315
'An introduction to anaesthetics'. John D. Laycock (rev.)	118
Anoxia, acute, treatment of. G. R. Sharp, I. McA. Ledingham and J. N. Norman	136
Application of oxygen at 2 atmospheres pressure in the treatment of acute anoxia. G. R. Sharp, I. McA. Ledingham and J. N. Norman	136
'Appraisal of current concepts on anesthesiology'. Edited by John Adriani (rev.)	115
Arm-rest. E. Eting	247
Artificial ventilation of the lungs, the duration of inspiration during. A. R. Hunter	3
Asphyxia neonatorum, treatment of. M. Cooke and R. Bryce-Smith	133
Association news	124, 263, 404, 560
Atropine and neostigmine, the effect on pulse rates. S. W. Kemp and H. J. V. Morton	170
Atropine and neostigmine. F. L. Robertshaw (corr.)	397
Attachment of Fluotec vaporiser to Boyle's Apparatus. D. J. Waters and S. W. Eaves (new inventions)	548
Automatic ventilators, the effect of changes of lung characteristics on the functioning of. W. W. Mapleson	300
Axillary block of the brachial plexus. D. D. Moir	274
BALL, H. C. J. Brachial plexus block. (A modified supraclavicular approach)	269
BALLANTINE, R. I. W. Anaesthesia and the vomiting hazard (corr.)	559
BARRY, C. T. (with G. G. Rennie and M. M. Macpherson). Methohexitone sodium in anaesthesia for cystoscopy	176
BENAZON, D. Pressor drugs (An appraisal of their place in anaesthetic practice)	344
BEVES, P. H. A non-rebreathing valve. (new inventions)	533
Bizarre cause of obstruction in an Oxford non-kink endotracheal tube. C. S. Dutton (corr.)	395
Block, brachial plexus (a modified supraclavicular approach). H. C. J. Ball	269
Block, brachial plexus, axillary root. D. D. Moir	274
BODLEY, P. O. (and J. E. Brett) Post-operative respiratory inadequacy and the part played by antibiotics	438
BOOK REVIEWS:	
Anaesthesia for the injured (Blackwell Scientific Publications Ltd, Oxford) L. J. Wolfson	557
Analgesia and anaesthesia in obstetrics 2nd ed. (Charles C. Thomas, Springfield, U.S.A.) J. P. Greenhill	557
An introduction to anaesthetics (Lloyd-Luke, London) John D. Laycock	118
Appraisal of current concepts in anesthesiology (Henry Kimpton, London) John Adriani	115
Clinical electroencephalography (Butterworth, London) L. G. Kiloh and J. W. Osselton	114

	PAGE
Cone of oblivion (Max Parrish, London) L. J. Ludovici	114
Diethyl ether: its effect on the human body (Blackwell Scientific Publications Ltd, Oxford) Robert B. Dodd	400
Drugs in anaesthetic practice (Butterworth, London) F. G. Wood-Smith and H. C. Stewart	257
Drugs, medicines and man (George Allen and Unwin Ltd, London) Harold Burn	402
Emergency resuscitation (Acta Anaesthesiologica Scandinavica, Denmark) Henning Poulsen	257
Essays on the first hundred years of anaesthesia Vol. 2 (E. and S. Livingstone Ltd, Edinburgh) W. Stanley Sykes	113
Halothane (Bailliere, Tindall and Cox, London) C. Ronald Stephen and David M. Little	558
Histopathologic effects of local anesthetic drugs and related substances (Blackwell Scientific Publications Ltd, Oxford) Pizzolato, P. and Mannheimer, W.	256
Introduction to anaesthesia. The principles of safe practice (W. B. Saunders Co, London) Robert D. Dripps, James E. Eckenhoof and Leroy D. Vandam	116
Manual of anesthesiology (2nd ed.) (Charles C. Thomas, Springfield, U.S.A.) Herman Schwartz, S. H. Ngai and E. M. Papper	558
Metabolic effects of anaesthesia (Charles C. Thomas, Springfield, U.S.A.) S. H. Ngai and E. M. Papper	557
Modern trends in anaesthesia 2: Aspects of hydrogen ion regulation and biochemistry in anaesthesia (Butterworth 1962, London) Frankis T. Evans and T. Cecil Gray	403
Störungen des Gasaustausches in der Lunge (Medizinischer Verlag Hans Huber, Berne) Max Scherrer	400
Structural forms of anesthetic compounds (Blackwell Scientific Publications Ltd, Oxford) Hugh S. Mathewson	256
The chemistry and physics of anaesthesia (Blackwell Scientific Publications Ltd, Oxford) John Adriani	402
The conquest of pain (Cassell and Co, London) Ronald Woolmer	113
The operation (Pan Books Ltd, London) Leonard Engel	116
BOURNE, J.G. Anaesthesia and the vomiting hazard (A safe method for obstetric and other emergencies)	379
BOURNE, J.G. Effect of suxamethonium on intragastric pressure (corr.)	394
Brachial plexus block (A modified supraclavicular approach) H. C. J. Ball	269
BRACKEN, A. (with G. Gouldstone, T. H. S. Burns and J. M. Hall). Fluorine compounds in anaesthesia (5) Examination of six heavily halogenated aliphatic compounds	337
BRETT, J.E. (and P. O. Bodley). Post-operative respiratory inadequacy and the part played by antibiotics	438
BROOKS, D.K. (and S. A. Feldman). Metabolic acidosis (A new approach to 'neostigmine resistant curarisation')	161
BRYCE-SMITH, R. (and R. H. Salt). A protective needle case (new inventions)	95
BRYCE-SMITH, R. (and M. Cooke). A method of treating the neonate which has failed to breathe	133
BURN, HAROLD. 'Drugs, medicines and man' (rev.)	402
BURNS, T.H.S. (with J. M. Hall, A. Bracken and G. Gouldstone). Fluorine compounds in anaesthesia (5) Examination of six heavily halogenated aliphatic compounds	337
CALVERT, D.G. Inadvertent hypothermia in paediatric surgery	29
CAMILLERI, J.G. The use of phencyclidine (CI-395) in obstetric procedures. (A preliminary communication)	422
Carbon dioxide and oxygen levels during anaesthesia, predictors for. J. F. Nunn	182
Cardiff apparatus for the supply of a non-explosive mixture of cyclopropane, oxygen and nitrogen. E. K. Hillard (new inventions)	543
CASS, NOEL M. (with John D. Hicks and Trevor T. Currie). The scope of surface cooling	46
Central sterile supply of endotracheal tubes (The effect of autoclaving on the life of mineral rubber endotracheal tubes). D. C. C. Stark and E. A. Pask	195
'Chemistry and physics of anaesthesia'. J. Adriani (rev.)	402
CILLIERS, A.J. The use of the Ruben non-breathing valve in anaesthesia for thoracic surgery	444
Classification of respirators. A. R. Hunter (corr.)	109
Classification of respirators. T. H. Howells (corr.)	110
CLIFFE, P. The measurement of temperature	215

PAGE		PAGE
114	CLIFFE, P. (and D. A. P. Strickland). Physical principles of clinical measurement 1 (Introduction)	284
400	CLIFFE, P. (and D. A. P. Strickland). Physical principles of clinical measurement 2 (Alternating current circuits. Inductance and capacitance)	519
257	Clinical assessment of analgesic drugs 1 (Initial trial). A. H. B. Masson	373
402	Clinical assessment of analgesic drugs 2 (Observer trial). A. H. B. Masson	411
257	'Clinical electroencephalography'. L. G. Kiloh and J. W. Osseltson (rev.)	114
558	COLE, P. V. (and R. C. Nainby-Luxmoore). Hazards of gas and air in obstetrics	505
113	Commonwealth and Foreign news	129, 264, 405, 563
558	'Cone of oblivion'. L. J. Ludovici (rev.)	114
256	COOKE, M. (and R. Bryce-Smith). A method of treating the neonate which has failed to breathe	133
558	Copper kettle, practical use of. T. M. Young	328
	CORRESPONDENCE	
256	A bizarre cause of obstruction in an Oxford non-kink endotracheal tube. C. S. Dutton	395
116	Anæsthesia and the vomiting hazard. R. I. W. Ballantine	559
558	Atropine and neostigmine. F. L. Robertshaw	397
557	Effect of suxamethonium on intragastric pressure. J. G. Bourne	394
403	Hypotension with 'Polybrene'. G. J. MacKenzie and A. H. B. Masson	112
400	Metabolic acidosis. T. D. W. Davies, C. D. T. James and A. D. Piatkus	396
256	Reprints. James Moore and John W. Dundee	398
403	Second Congress on Dental Anæsthesia. Victor Goldman	109
400	The classification of respirators. A. R. Hunter	109
256	The classification of respirators. T. H. Howells	110
116	Toxicity of lignocaine. A. R. Hunter	258
558	Tracheal tug. C. F. Scurr and S. A. Feldman	111
400	University of Montreal. H. Selye	394
256	CURRIE, TREVOR T. (with Noel M. Cass and John H. Dicks). The scope of surface cooling	46
402	Cut-throat injury, anæsthesia in. D. K. Ray	363
113	Cystoscopy, methohexitone sodium in anæsthesia for. C. T. Barry, G. G. Rennie and M. M. Macpherson	176
116	DAVIES, T. D. W. (with C. D. T. James and A. D. Piatkus). Metabolic acidosis (corr.)	396
379	DAVISON, ARMSTRONG M. H. A new technique in hypotension	322
394	DEACOCK, A. R. DE C. (and R. L. Hargrove). A simple infant resuscitation set (new inventions)	99
269	Deeper hypothermia by surface cooling. A. J. H. Hewer	473
337	'Diethyl ether: its effect on the human body'. R. B. Dodd (rev.)	400
438	DODD, R. B. 'Diethyl ether: its effect on the human body' (rev.)	400
161	DRIPPS, ROBERT D. (with James E. Eckenhoff and Leroy D. Vandam). Introduction to anæsthesia. The principles of safe practice'. (rev.)	116
95	Drugs in anæsthetic practice. F. G. Wood-Smith and H. C. Stewart (rev.)	257
133	'Drugs, medicines and man'. H. Burn (rev.)	402
402	DUCKWORTH, S. I. Oxford non-kinking endotracheal tube. (Results of its use in about 18,000 cases)	208
337	DUNDEE, JOHN W. (and James Moore) Reprints. (corr.)	398
29	Duration of inspiration during artificial ventilation of the lungs. A. R. Hunter	3
422	DUTTON, C. S. A bizarre cause of obstruction in an Oxford non-kink endotracheal tube (corr.)	395
182	EAVES, S. W. (and D. J. Waters). Attachment of Fluotec vapouriser to Boyle's apparatus (new inventions)	548
543	ECKENHOFF, JAMES E. (with Leroy D. Vandam and Robert D. Dripps) 'Introduction to anæsthesia. The principles of safe practice' (rev.)	116
46	Editorial	1, 131, 267, 409
195	Effect of atropine and neostigmine on the pulse rates of anæsthetised patients. S. W. Kemp and H. J. V. Morton	170
402	Effect of changes of lung characteristics on the functioning of automatic ventilators. W. W. Mapleson	300
444	Effect of suxamethonium on intragastric pressure. R. B. Roe	179
109	Effect of suxamethonium on intragastric pressure. J. G. Bourne (corr.)	394
110	ELLIS, HAROLD (Illustrations by M. McLarty). Anatomy for anæsthetists (4) The thoracic inlet and the first rib	69
215	ELLIS, HAROLD (Illustrations by M. McLarty). Anatomy for anæsthetists (5) The lumbar spine and sacrum	238
	ELLIS, HAROLD (Illustrations by M. McLarty). Anatomy for anæsthetists (6) The contents of the vertebral canal	315

	PAGE
Embolism, air. E. R. J. Emery	455
Embolism, air, in the sitting position. A. R. Hunter	467
Emergency resuscitation. Henning Poulsen (rev.)	257
EMERY, E. R. J. Air embolism. (A report of two cases, one treated successfully)	455
Endotracheal tubes, central sterile supply of. D. C. C. Stark and E. A. Pask	195
Endotracheal tube, the Oxford non-kinking. S. I. Duckworth	208
ENGEL, LEONARD. 'The operation' (rev.)	116
'Essays on the first hundred years of anaesthesia. Vol. 2'. W. Stanley Sykes (rev.)	113
ESSEX-LOPRESTI, M. Film reviews	121
ETING, E. A new arm-rest (new inventions)	247
Evaluation of a new anaesthetic vaporizer. L. E. Morris and S. A. Feldman	21
Evaluation of phencyclidine (CI-395) for premedication of children. M. E. Riddoch	419
EVANS, FRANKIS T. (and T. Cecil Gray, Edited by) 'Modern trends 2. (Aspects of hydrogen regulation and biochemistry in anaesthesia)' (rev.)	403
Expiratory release replacing the expiratory valve. R. L. Wynne (new invention)	385
Faculty news	127, 263, 405, 561
FELDMAN, S. A. (and L. E. Morris). Evaluation of a new anaesthetic vaporizer	21
FELDMAN, S. A. (and C. F. Scurr). Tracheal Tug (corr.)	111
FELDMAN, S. A. (and D. K. Brooks). Metabolic acidosis (A new approach to 'neostigmine resistant curarisation')	161
Film reviews. M. Essex-Lopresti	121
Fluorine compounds in anaesthesia (5) Examination of six heavily halogenated aliphatic compounds. T. H. S. Burns, J. M. Hall, A. Bracken and G. Gouldstone	337
Goldman halothane vaporiser. Mark II. V. Goldman (new inventions)	537
GOLDMAN, V. The Goldman halothane vaporiser Mark II. (new inventions)	537
GOLDMAN, VICTOR. A simple endotracheal harness (new inventions)	97
GOLDMAN, VICTOR. Second Congress on Dental Anaesthesia (corr.)	109
GOULDSTONE, G. (with T. H. S. Burns, J. M. Hall and A. Bracken). Fluorine compounds in anaesthesia (5) Examination of six heavily halogenated aliphatic compounds	337
GRAY, T. CECIL (and Frankis T. Evans, Edited by) 'Modern trends 2. (Aspects of hydrogen ion regulation and biochemistry in anaesthesia)' (rev.)	403
GREEN, C. A. (with E. A. Pask and D. C. C. Stark). Anaesthetic machines and cross-infection	12
GREENHILL, J. P. 'Analgesia and anaesthesia in obstetrics' (rev.)	557
HALL, J. M. (with A. Bracken, G. Gouldstone and T. H. S. Burns). Fluorine compounds in anaesthesia (5) Examination of six heavily halogenated aliphatic compounds	337
'Halothane'. C. Ronald Stephen and David M. Little (rev.)	558
HAMILTON, NORAH HESTER. Obituary	259
HARDY, T. K. (and D. Wakely). The amnesic properties of hyoscine and atropine in pre-anaesthetic medication	331
HARGROVE, R. L. (and A. R. de C. Deacock). A simple infant resuscitation set (new inventions)	99
Hazards of gas and air in obstetrics. P. V. Cole and R. C. Nainby-Luxmoore	505
HEWER, A. J. H. Deeper hypothermia by surface cooling	473
HEWER, A. J. H. (and V. Logue). Methods of increasing the safety of neuro-anaesthesia in the sitting position	476
HEWER, A. J. H. A simple volumetric respiratory recorder (new inventions)	545
HICKS, JOHN D. (with Trevor T. Currie and Noel M. Cass). The scope of surface cooling	46
HILLARD, E. K. Cardiff apparatus for the supply of a non-explosive mixture of cyclopropane, oxygen and nitrogen (new inventions)	543
Histopathologic effects of local anesthetic drugs and related substances. Pizzolato, P. and Mannheim, W. (rev.)	256
HODGES, R. J. HAMER. Obituary	122
HOWAT, D. D. C. Reservoir bag for neonates (new inventions)	94
HOWELLS, T. H. The classification of respirators (corr.)	110
HUNTER, A. R. Duration of inspiration during artificial ventilation of the lungs	3
HUNTER, A. R. The classification of respirators (corr.)	109
HUNTER, A. R. Toxicity of lignocaine (corr.)	258
HUNTER, A. R. Air embolism in the sitting position	467
5-Hydroxytryptamine in anaesthesia. N. L. Wulfsohn and W. M. Politzer	64
Hypotension, a new technique in. M. H. Armstrong Davison	322
Hypotension with 'Polybrene'. G. J. MacKenzie and A. H. B. Masson (corr.)	112
Hypothermia, deeper, by surface cooling. A. J. H. Hewer	473

PAGE		PAGE
455	Improved diaphragm needle. C. D. T. James (new invention)	386
467	Inadvertent hypothermia in paediatric Surgery. D. G. Calvert	29
257	Infants' laryngoscope blade. A. E. Nesling (new inventions)	98
455	Influence of afferent block in hyperventilation anaesthesia. J. D. Kinnell	58
195	'Introduction to anaesthesia. The principles of safe practice'. Robert D. Dripps,	
208	James E. Eckenhoff and Leroy D. Vandam (rev.)	116
116	Irish Faculty News	561
113	JAMES, C.D.T. An improvised diaphragm needle (new invention)	386
121	JAMES, C.D.T. (with A. D. Piatkus and T. D. W. Davies). Metabolic acidosis	
247	(corr.)	396
21	KEMP, S.W. (and H. J. V. Morton). Effect of atropine and neostigmine on the pulse	
419	rates of anaesthetised patients	170
	KEUSKAMP, D.H.G. Parenteral fluid therapy in children (new invention)	383
403	KILOH, L.G. (and J. W. Osselson). 'Clinical electroencephalography' (rev.)	114
385	KINNELL, J.D. Influence of afferent block in hyperventilation anaesthesia	58
561	LAYCOCK, JOHN D. 'An introduction to anaesthetics' (rev.)	118
21	LEDINGHAM, I.M.C.A. (with J. N. Norman and G. R. Sharp). The application of	
111	oxygen at 2 atmospheres pressure in the treatment of acute anoxia	136
	LEE, J.A. A new catheter for continuous extradural analgesia (new inventions)	248
161	LEVY, I.A. A simple humidifier (new inventions)	539
121	LITTLE, DAVID M. (and C. Ronald Stephen) 'Halothane' (rev.)	558
	LOGUE, V. (and A. J. H. Hewer). Methods of increasing the safety of neuro-	
337	anaesthesia in the sitting position	476
	LUDOVICI L.J. 'Cone of oblivion' (rev.)	114
537	MACKENZIE G.J. (and A. H. B. Masson). Hypotension with 'Polybrene' (corr.)	112
537	MACPHERSON M.M. (with C. T. Barry and G. G. Rennie). Methohexitone sodium	
97	in anaesthesia for cystoscopy	176
109	MANNHEIMER, W. (and P. Pizzolato). Histopathologic effects of local anesthetic	
	drugs and related substances (rev.)	256
	'Manual of anesthesiology'. Herman Schwartz, S. H. Ngai and E. M. Papper (rev.)	558
337	MAPLESON, W.W. The effect of changes of lung characteristics on the func-	
403	tioning of automatic ventilators	300
	MARKALOUS, P. Respiration and the intraperitoneal application of neomycin	
12	and neolympin	427
557	MARSHALL, M. Potassium intoxications from blood and plasma transfusions	145
	MARSTON, ARCHIBALD D. Obituary	260
	MASSON, A.H.B. (and G. J. Mackenzie). Hypotension with 'Polybrene' (corr.)	112
	MASSON, A.H.B. Clinical assessment of analgesic drugs (1) Initial trial	373
337	MASSON, A.H.B. Clinical assessment of analgesic drugs (2) Observer trial	411
558	MATHEWSON, HUGH S. Structural forms of anesthetic compounds (rev.)	256
259	Measurement of temperature. P. Cliffe	215
	Metabolic acidosis (A new approach to 'neostigmine resistant curarisation').	
331	D. K. Brooks and S. A. Feldman	161
99	Metabolic acidosis. T. D. W. Davies, C. D. T. James and A. D. Piatkus (corr.)	396
505	'Metabolic effects of anaesthesia'. S. H. Ngai and E. M. Papper (rev.)	557
473	Method of treating the neonate which has failed to breathe. M. Cooke and R.	
	Bryce-Smith	133
	Methods of increasing the safety of neuroanaesthesia in the sitting position.	
476	A. J. H. Hewer and V. Logue	476
545	Methohexitone sodium in anaesthesia for cystoscopy. C. T. Barry, G. G. Rennie	
46	and M. M. Macpherson	176
543	'Modern trends 2. (Aspects of hydrogen ion regulation and biochemistry in	
	anaesthesia)'. Edited by Frankis T. Evans and T. Cecil Gray (rev.)	403
	MOIR, D.D. Axillary block of the brachial plexus	274
256	Montpellier Congress, 1962	563
122	MOORE, JAMES (and John W. Dundee). Reprints (corr.)	398
94	MORRIS, L.E. (and S. A. Feldman). Evaluation of a new anaesthetic vaporizer	21
110	MORTON, H.J.V. (and S. W. Kemp). The effect of atropine and neostigmine on the	
3	pulse rates of anaesthetised patients	170
109	Myasthenic syndrome complicating bronchial carcinoma. R. P. Wise	488
258	Neostigmine and atropine, the effect on pulse rates. S. W. Kemp and H. J. V.	
467	Morton	170
64	Neostigmine resistant curarisation, a new approach to. D. K. Brooks and	
322	S. A. Feldman	161
112	NESLING, A. E. Infants' laryngoscope blade (new inventions)	98
473	Neuroanaesthesia, in the sitting position. A. J. H. Hewer and V. Logue	476

	PAGE
New arm-rest. E. Eting (new inventions)	247
New catheter for continuous extradural analgesia. J. A. Lee (new inventions)	248
NEW INVENTIONS:	
A Cardiff apparatus for the supply of a non-explosive mixture of cyclopropane, oxygen and nitrogen. E. K. Hillard	543
A new arm-rest. E. Eting	247
A new catheter for continuous extradural analgesia. J. A. Lee	248
An expiratory release replacing the expiratory valve. R. L. Wynne	385
An improvised diaphragm needle. C. D. T. James	386
A non-rebreathing valve. P. H. Beves	533
A protective needle case. R. H. Salt and R. Bryce-Smith	95
A screw top drop bottle. R. H. Salt and B. R. Simpson	92
A simple endotracheal harness. Victor Goldman	97
A simple humidifier. I. A. Levy	539
A simple infant resuscitation set. R. L. Hargrove and A. R. de C. Deacock	99
A simple volumetric respiratory recorder. A. J. H. Hewer	545
A T-piece for neonatal and infant anaesthesia. D. A. Wright	546
Attachment of Fluotec vaporiser to Boyle's apparatus. D. J. Waters and S. W. Eaves	548
A versatile halothane vaporiser. C. Pearce	540
Infants' laryngoscope blade. A. E. Nesling	98
Parenteral fluid therapy in children. D. H. G. Keuskamp	383
Reservoir bag for neonates. D. D. C. Howat	94
Simple device for maintaining cuff pressure. J. R. Ritchie	96
The Goldman halothane vaporiser Mark II. V. Goldman	537
New technique in hypotension. M. H. Armstrong Davison	322
NGAI, S.H. (and E. M. Papper). 'Metabolic effects of anaesthesia' (rev.)	557
NGAI, S.H. (with E. M. Papper and Herman Schwartz). 'Manual of anesthesiology' (rev.)	558
Non-rebreathing valve. P. H. Beves (new invention)	533
NORMAN, J.N. (with G. R. Sharp and I. McA. Ledingham). The application of oxygen at 2 atmospheres pressure in the treatment of acute anoxia	136
NUNN, J.F. Predictors for oxygen and carbon dioxide levels during anaesthesia	182
OBITUARY	
Norah Hester Hamilton	259
R. J. Hamer Hodges	122
Archibald D. Marston	260
D. J. Paternoster	127
William Kirk Rae	259
Gilbert Troup	556
Rodney Stephen Walsh	261
Obstetrics, the hazards of gas and air in. P. V. Cole and R. C. Nainby-Luxmoore	505
OSSELTON, J.W. (and L. G. Kiloh). 'Clinical electroencephalography' (rev.)	114
Oxford non-kinking endotracheal tube (Results of its use in about 18,000 cases). S. I. Duckworth	208
Oxygen and carbon dioxide levels during anaesthesia, predictors for. J. F. Nunn	182
PAPPER, E.M. (and S. H. Ngai). 'Metabolic effects of anaesthesia' (rev.)	557
PAPPER, E.M. (with Herman Schwartz and S. H. Ngai). 'Manual of anesthesiology' (rev.)	558
Parenteral fluid therapy in children. D. H. G. Keuskamp (new invention)	383
PASK, E.A. (with D. C. C. Stark and C. A. Green). Anaesthetic machines and cross-infection	12
PASK, E.A. (and D. C. C. Stark). Central sterile supply of endotracheal tubes. (The effect of autoclaving on the life of mineral rubber endotracheal tubes)	195
PATERNOSTER, D. JOAN. Obituary	127
PAYNE, J.P. Acid-base balance in anaesthesia	149
PEARCE, C. A versatile halothane vaporiser (new inventions)	540
Physical principles of clinical measurement 1. (Introduction). P. Cliffe and D. A. P. Strickland	284
Physical principles of clinical measurement 2. (Alternating current circuits. Inductance and capacitance). P. Cliffe and D. A. P. Strickland	519
PIATKUS, A.D. (with T. D. W. Davies and C. D. T. James). Metabolic acidosis (corr.)	396
PIZZOLATO, P. (and Mannheim, W.). Histopathologic effects of local anesthetic drugs and related substances (rev.)	256
POLITZER, W.M. (and N. L. Wulfsohn). 5-Hydroxytryptamine in anaesthesia	64
Potassium intoxication from blood and plasma transfusions. M. Marshall	145
POULSEN, HENNING. Emergency resuscitation (rev.)	257



PAGE		PAGE
247	Practical use of the copper kettle. T. M. Young	328
248	Pre-anæsthetic medication, the amnesic properties of hyoscine and atropine in. T. K. Hardy and D. Wakely	331
543	Predictors for oxygen and carbon dioxide levels during anæsthesia. J. F. Nunn	182
247	Pressor drugs (An appraisal of their place in anæsthetic practice). D. Benazon	344
248	Progressive muscular dystrophy, anæsthesia and post-operative complications in. L. Wislicki	482
385	Post-operative respiratory inadequacy and the part played by antibiotics. P. O. Bodley and J. E. Brett	438
386	Protective needle case. R. H. Salt and R. Bryce-Smith (new inventions)	95
533	RAE, WILLIAM KIRK. Obituary	259
95	RAY, D.K. Anæsthesia in a cut-throat injury. (A case of unusual airway obstruction)	363
92	RENNIE, G.G. (with M. M. Macpherson and C. T. Barry). Methohexitone sodium in anæsthesia for cystoscopy	176
97	Reprints. James Moore and John W. Dundee (corr.)	398
539	Reservoir bag for neonates. D. D. C. Howat (new inventions)	94
99	Respiration and the intraperitoneal application of neomycin and neolymphin. P. Markalous	427
545	Resuscitation, some early manuals of. J. D. Whitby	368
546	RIDDOCH, M.E. Evaluation of phencyclidine (CI-395) for premedication of children	419
548	RITCHIE, J.R. Simple device for maintaining cuff pressure (new inventions)	96
540	ROBERTSHAW, F.L. Atropine and neostigmine (corr.)	397
98	ROE, R.B. The effect of suxamethonium on intragastric pressure	179
383	SALT, R.H. (and B. R. Simpson). A screw top drop bottle (new inventions)	92
94	SALT, R.H. (and R. Bryce-Smith). A protective needle case (new inventions)	95
96	SCHERRER, MAX 'Störungen des gasaustausches in der lunge (Disturbances of gaseous exchange in the lungs)' (rev.)	400
537	SCHWARTZ, HERMAN (with S. H. Ngai and E. M. Papper). 'Manual of anes- thesiology' (rev.)	558
322	Scope of surface cooling. Trevor T. Currie, Noel M. Cass and John D. Hicks	46
557	Screw top drop bottle. R. H. Salt and B. R. Simpson (new inventions)	92
136	SCURR, C.F. (and S. A. Feldman). Tracheal tug (corr.)	111
122	Second Congress on Dental Anæsthesia. Victor Goldman (corr.)	109
260	SELYE, H. University of Montreal (corr.)	394
127	SHARP, G.R. (with I. McA. Ledingham and J. N. Norman). The application of oxygen at 2 atmospheres pressure in the treatment of acute anoxia	136
259	Simple device for maintaining cuff pressure. J. R. Ritchie (new inventions)	96
556	Simple endotracheal harness. Victor Goldman (new inventions)	97
261	Simple humidifier. I. A. Levy (new inventions)	539
505	Simple infant resuscitation set. R. L. Hargrove and A. R. de C. Deacock (new inventions)	99
114	Simple volumetric respiratory recorder. A. J. H. Hewer (new inventions)	545
208	SIMPSON, B.R. (and R. H. Salt). A screw top drop bottle (new inventions)	92
182	Some early manuals of resuscitation. J. D. Whitby	368
557	STARK, D.C.C. (with C. A. Green and E. A. Pask). Anæsthetic machines and cross-infection	12
558	STARK, D.C.C. (and E. A. Pask). Central sterile supply of endotracheal tubes. (The effect of autoclaving on the life of mineral rubber endotracheal tubes)	195
383	STEPHEN, C. RONALD (and David M. Little). 'Halothane' (rev.)	558
12	STEWART, H.C. (and F. G. Wood-Smith). Drugs in anæsthetic practice (rev.)	257
195	'Störungen des gasaustausches in der lunge (Disturbances of gaseous exchange in the lungs)'. Max Scherrer (rev.)	400
127	STRICKLAND, D.A.P. (and P. Cliffe). Physical principles of clinical measurement I. (introduction)	284
149	STRICKLAND, D.A.P. (and P. Cliffe). Physical principles of clinical measurement 2. (Alternating circuits current. Inductance and capacitance)	519
540	Structural forms of anæsthetic compounds. Hugh S. Mathewson (rev.)	256
284	SUMMARIES OF PAPERS READ AT THE ANNUAL MEETING, ASSOCIATION OF ANÆSTHETISTS OF GREAT BRITAIN AND IRELAND, DUBLIN, 18th to 21st October, 1961:	
519	A new technique of hypotension. M. H. Armstrong Davison	75
396	A simple method of surface cooling. L. A. Boer	75
256	Deep hypothermia with autogenous lung oxygenation. J. D. Gaffney	76
64	A simple predictor for oxygen and carbon dioxide levels during anæsthesia. J. F. Nunn	77
145	Acid-base balance in anæsthesia. J. P. Payne	79
257		

	PAGE
Anæsthesia for cardiovascular investigations and operations. A. McA. Blayney	81
The effects of halothane on the peripheral blood vessels. G. W. Black and L. McArdle	82
Application of oxygen at two atmospheres pressure in the treatment of acute anoxia. Gordon R. Sharp	83
A myasthenic syndrome complicating bronchial carcinoma. R. P. Wise	84
G.29505. A comparison with thiopentone and methohexitone. Mark Swerdlow	86
Analgesia produced by white sound. J. Clutton-Brock	87
The assessment of analgesic drugs in post-operative patients. A. H. B. Masson	88
Trends in anæsthesia in the United States. Henry K. Beecher	89
Anæsthetic practice in New York. S. Lynch	90
Surface cooling, the scope of. Trevor T. Currie, Noel M. Cass and John D. Hicks	46
Surface cooling and deeper hypothermia. A. J. H. Hewer	473
Suxamethonium, the effect on intragastric pressure. R. B. Roe	179
SYKES, W. STANLEY 'Essays on the first hundred years of anæsthesia Vol. 2' (rev.)	113
Temperature, the measurement of. P. Cliffe	215
'The conquest of pain'. Ronald Woolmer (rev.)	113
'The operation'. Leonard Engel (rev.)	116
Toxicity of lignocaine. A. R. Hunter (corr.)	258
T-piece for neonatal and infant anæsthesia. D. A. Wright (new inventions)	546
Tracheal tug. C. F. Scurr and S. A. Feldman (corr.)	111
TROUP, GILBERT. Obituary	556
University of Montreal. H. Selye (corr.)	394
Use of phencyclidine (CI-395) in obstetric procedures (A preliminary communication). J. G. Camilleri	422
Use of the Ruben non-rebreathing valve in anæsthesia for thoracic surgery. A. J. Cilliers	444
VANDAM, LEROY D. (with Robert D. Dripps and James E. Eckenhoff). 'Introduction to anesthesia. The principles of safe practice' (rev.)	116
Versatile halothane vaporiser. C. Pearce (new inventions)	540
Vomiting hazard, anæsthesia and. J. G. Bourne	379
WAKELY, D. (and T. K. Hardy). The amnesic properties of hyoscine and atropine in pre-anæsthetic medication	331
WALSH, RODNEY STEPHEN. Obituary	261
WATERS, D.J. (and S. W. Eaves). Attachment of Fluotec vaporiser to Boyle's apparatus (new inventions)	548
WHITBY, J.D. Some early manuals of resuscitation	368
WISE, R.P. A myasthenic syndrome complicating bronchial carcinoma	488
WISLICKI, L. Anæsthesia and post-operative complications in progressive muscular dystrophy (Tachycardia and acute gastric dilatation)	482
WOOD-SMITH, F.G. (and H. C. Stewart). Drugs in anæsthetic practice (rev.)	257
WOOLMER, RONALD. 'The conquest of pain' (rev.)	113
WOLFSON, L.J. 'Anæsthesia for the injured' (rev.)	557
WRIGHT, D.A. A T-piece for neonatal and infant anæsthesia (new inventions)	546
WULFSOHN, N.L. (and W. M. Politzer). 5-Hydroxytryptamine in anæsthesia	64
WYNNE, R.L. An expiratory release replacing the expiratory valve (new invention)	385
YOUNG, T.M. Practical use of the copper kettle	328



